A new name in the terrestrial orchid genus *Pterostylis* R.Br. (Orchidaceae) for Victoria, Australia

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Abstract

A new name, *Pterostylis jonesii* G.N. Backh., is provided to replace the illegitimate combination *Pterostylis montana* (D.L. Jones) G.N. Backh. (*The Victorian Naturalist* **124** (6), 2007, 341).

Introduction

In a recent publication (Backhouse 2007), I proposed several new combinations for species of terrestrial orchids originally described in Arachnorchis (Jones 2006a) (= Caladenia; Hopper and Brown 2004a) and Bunochilus (Jones 2006b) (= Pterostylis: Hopper and Brown 2004b) in 2006. After publication of the new combinations, it was pointed out to me that one – Pterostvlis montana (D.L. Jones) G.N. Backh, - was in fact a homonym (a taxonomic name identical to one previously applied to a different species) and therefore illegitimate, as Pterostylis montana Hatch had already been named and described from New Zealand (Hatch 1949). A new name is therefore required to accommodate Bunochilus montanus D.L. Jones within Pterostylis R.Br. as *Bunochilus* is not recognised as a distinct genus by the National Herbarium of Victoria (Walsh and Stajsic 2007), the central source of plant nomenclature for the State

New name

Pterostylis jonesii G.N. Backh., nom. nov. Basionym: Bunochilus montanus D.L. Jones, Australian Orchid Research 5, 118 (2006). Pterostylis montana (D.L. Jones) G.N. Backh., The Victorian Naturalist 24, 123–124 (2007), nom. illeg. non Pterostylis montana Hatch, Transactions and Proceedings of the Royal Society of New Zealand 77, 239 (1949).

The new epithet honours David L Jones, recently retired from the CSIRO Centre for Plant Biodiversity Research, Canberra, and leading authority in the taxonomy of Australian orchids, who originally described this species as *Bunochilus montanus*.

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References

- Backhouse GN (2007) New combinations in the terrestrial orchid genera *Caladenia* R.Br. and *Pterostylis* R.Br. (Orchidaceae) for Victoria, Australia. *The Victorian Naturalist* **124**, 123–124.
- Hatch E (1949) The New Zealand forms of *Pterostylis* R.Br. *Transactions and Proceedings of the Royal Society of New Zealand* 77, 234–246. Hopper S and Brown A (2004a) Robert Brown's
- Hopper S and Brown A (2004a) Robert Brown's Caladenia revisited, including a revision of its sister genera Cyanicula, Ericksonella and Pheladenia (Caladeniinae: Orchidaceae). Australian Systematic Botany 17, 171–240.
- Hopper S and Brown A (2004b) Robert Brown's *Caladenia* and *Pterostylis* revisited. *The Orchadian* **6**, 184–186.
- Jones DL (2006a) Miscellaneous new species of Australian Orchidaceae. *Australian Orchid Research* 5, 45-111.
- Jones DL (2006b) Towards a revision of *Bunochilus* D.L. Jones & M.A. Clem. *Australian Orchid Research* 5, 112–142.
- Walsh N and Stajsic V (2007) A Census of the Vascular Plants of Victoria, 8 ed. (Royal Botanic Gardens: Melbourne)

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